

BIOMEDICAL ENGINEERING TECHNICIAN

INTRODUCTION:

This position is located on the Mobile Digital Telemammography Unit – Mobile Women’s Health Unit within the Aberdeen Area. This position will be responsible for driving the unit from location to location and will perform or manage the calibration, repairs, and preventative maintenance on complex medical and dental x-ray systems, diagnostic laboratory analyzers, and other patient related systems. This position will also provide technical assistance to other health center staff on complex electronic and electrical equipment or systems. You will also assist with the repair of other systems (computers, computer controlled environmental systems, computer networking and telecommunications) as necessary or directed.

DUTIES AND RESPONSIBILITIES:

The purpose of this position is to perform technician duties in connection with the Mobile Digital Telemammography Project, which has an area wide responsibility to bring quality women’s health care for underserved American Indian/Alaska Native population within the region served by the Aberdeen Area Indian Health Service, through a mobile program.

This position requires the possession of a commercial driver’s license, and knowledge of state requirements for operating a commercial vehicle.

Transport (drive) the MDT vehicle to locations specified by the MDT project officer and Chief, Clinical Engineering at dates and times specified.

Ensure the MDT vehicle is set up properly, verify operations of all medical and non-medical systems on board the vehicle, and troubleshoot/repair as necessary any systems which are not operating correctly.

Ensures scheduled and unscheduled maintenance of the MDT vehicle, medical systems, and non-medical systems are performed and documented as required, in accordance with established policies and guidelines.

Performs inspections, testing, maintenance, calibrations, repairs and modifications on biomedical equipment and complex medical and non-medical support equipment systems associated with the MDT vehicle to include but not limited to mammography radiological systems, bone densitometry systems, point-of-care laboratory systems and physiological monitoring systems; and advises staff concerning theory of operation, underlying physiological principles, and safe clinical application of devices.

When not performing the primary duties associated with the MDT vehicle, performs inspections, testing, maintenance, calibrations, repairs and modifications on dental and biomedical equipment and complex support equipment systems to include but not limited to dental radiological systems, general radiological systems, and physiological monitoring systems; and advises staff concerning theory of operation, underlying physiological principles, and safe clinical application of biomedical and dental devices on an as needed basis with the Aberdeen Area Clinical Engineering Program.

Other duties as assigned.

ESTIMATED SALARY AND BENEFITS:

For additional information on this vacancy and salary and benefits, please click the following link: [Biomedical Engineering Technician](#)